

DECLARATION FOR UTILITY PATENT APPLICATION

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **GENERATING A LIBRARY OF SIMULATED-DIFFRACTION SIGNALS AND HYPOTHETICAL PROFILES OF PERIODIC GRATINGS**, the specification of which is attached hereto unless the following box is checked:

- ☐ was filed on Herewith as United States Application Serial No. or PCT International Application No. To Be Assigned and was amended on * (if applicable).

I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing (day/month/year)	Priority Claimed?
*			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date
*	


I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to

patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

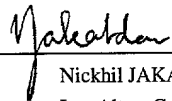
Application Serial No.	Filing Date	Status
*		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

01/14/2002
Date


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1/14/02
Date


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Xinhui NIU and Nickhil JAKATDAR

Serial No.: To Be Assigned

Filing Date: Herewith

For: GENERATING A LIBRARY OF
SIMULATED-DIFFRACTION
SIGNALS AND HYPOTHETICAL
PROFILES OF PERIODIC GRATINGS

Examiner: To Be Assigned

Group Art Unit: To Be Assigned

**PROSECUTION BY ASSIGNEE AND POWER OF ATTORNEY
UNDER 37 C.F.R. § 3.71**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

TIMBRE TECHNOLOGIES, INC., the assignee of the entire right, title and interest in
this patent application, under 37 C.F.R. § 3.71 hereby appoints:

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all of Morrison & Foerster LLP, 425 Market Street, San Francisco, California 94105-2482, telephone (415) 268-7000, and Manuel B. Madriaga (Reg. No. 45,459) of Timbre Technologies, Inc., at 5341 Randall Place, Fremont, California 94538, said appointments to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71 provided that if any one of said attorneys or agents ceases being affiliated with the law firm of Morrison & Foerster as partner, employee or of counsel, or with Timbre Technologies, Inc., such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

Please direct all written communications relative to this application to:

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Dated: 1/14/02

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